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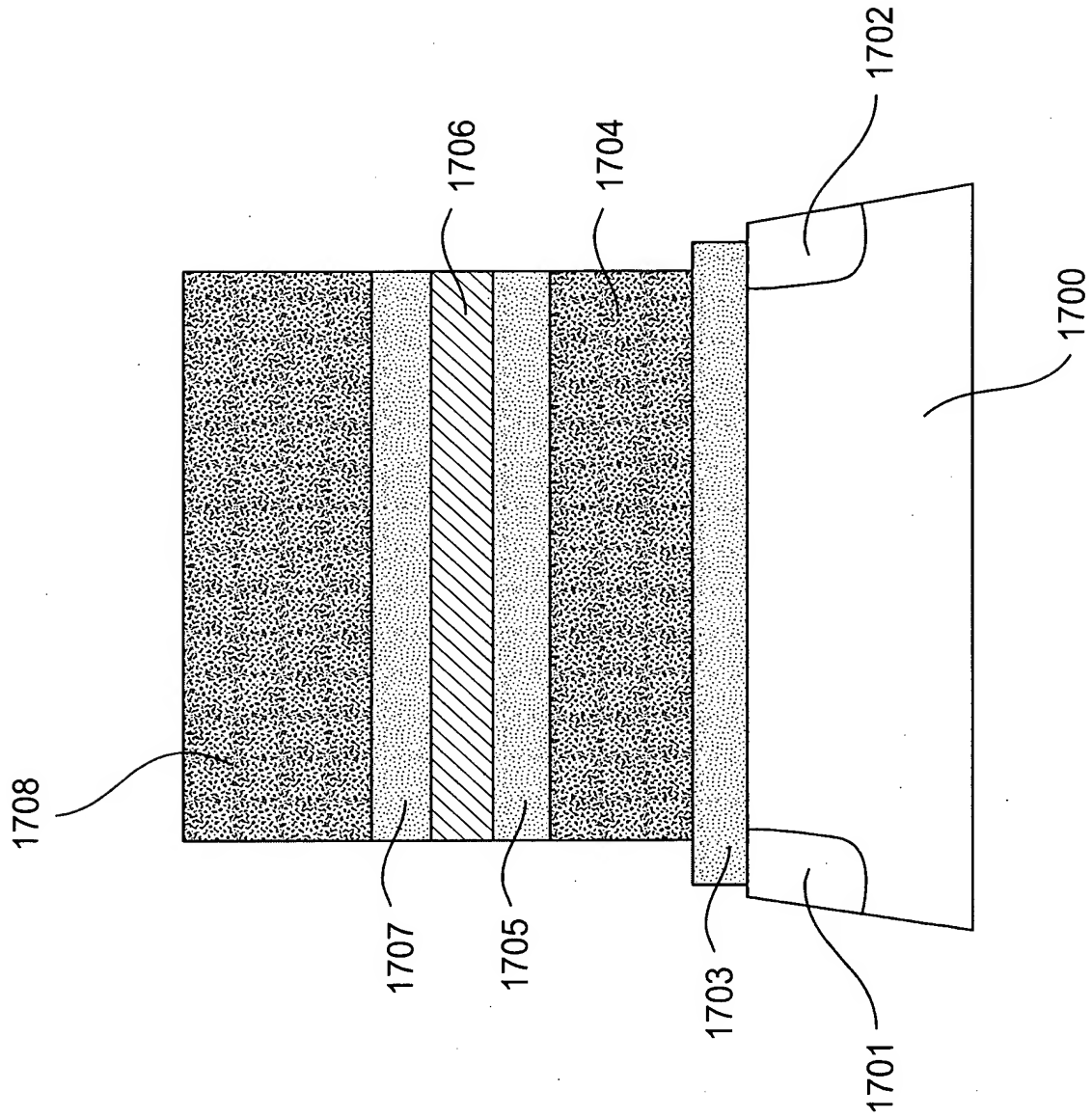
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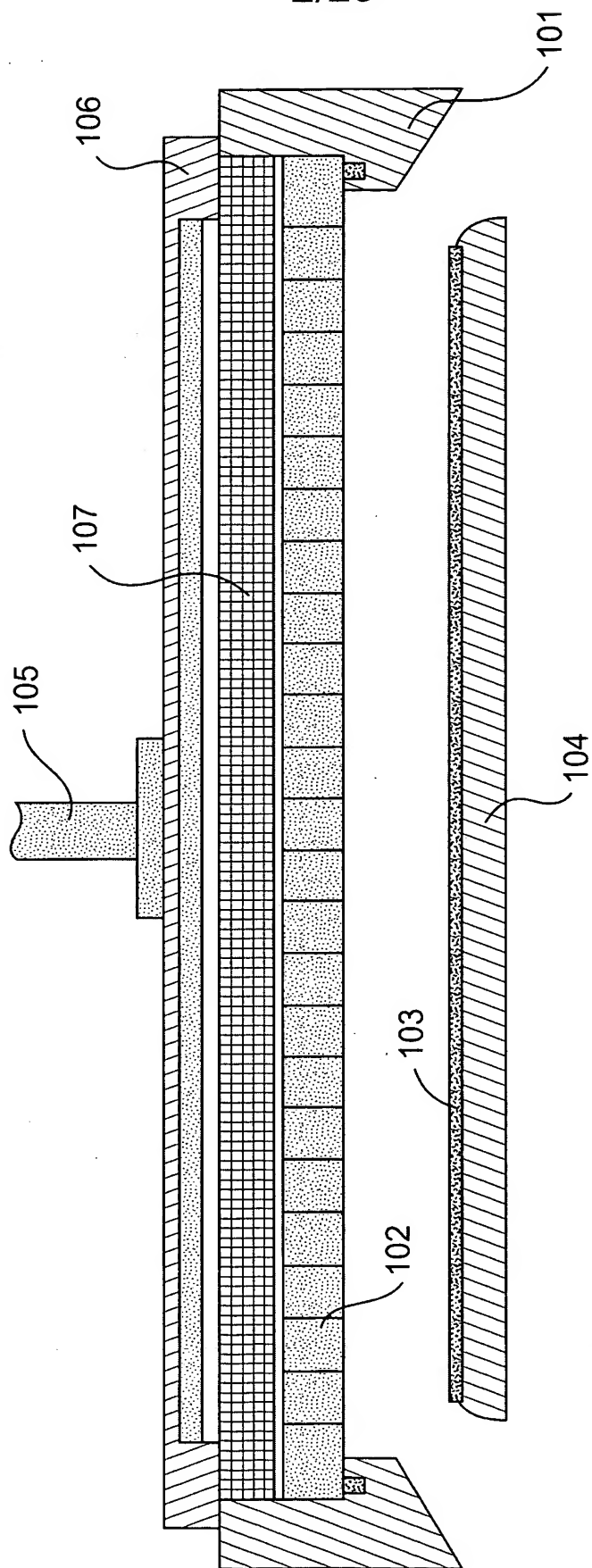
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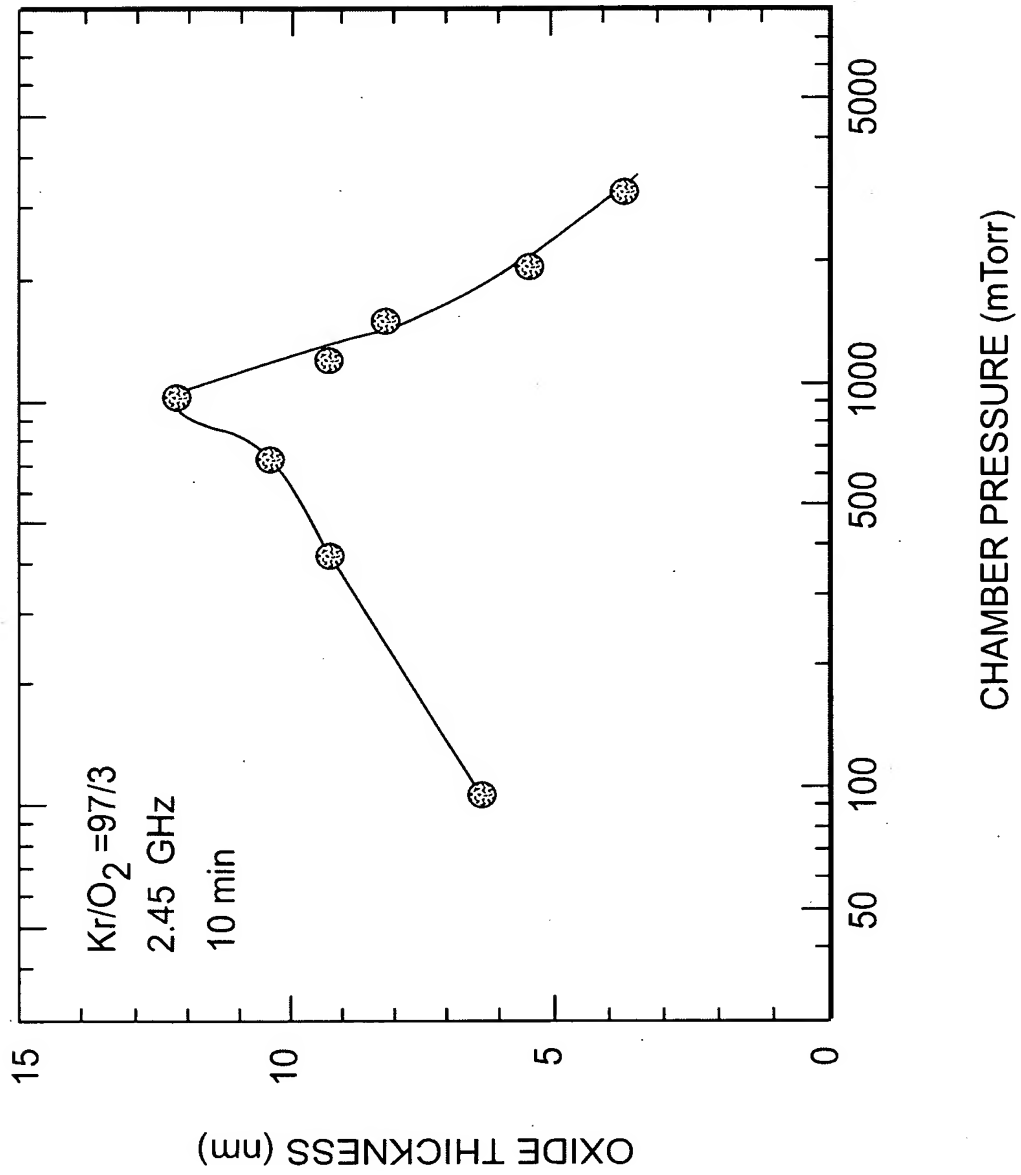
**FIG. 1**

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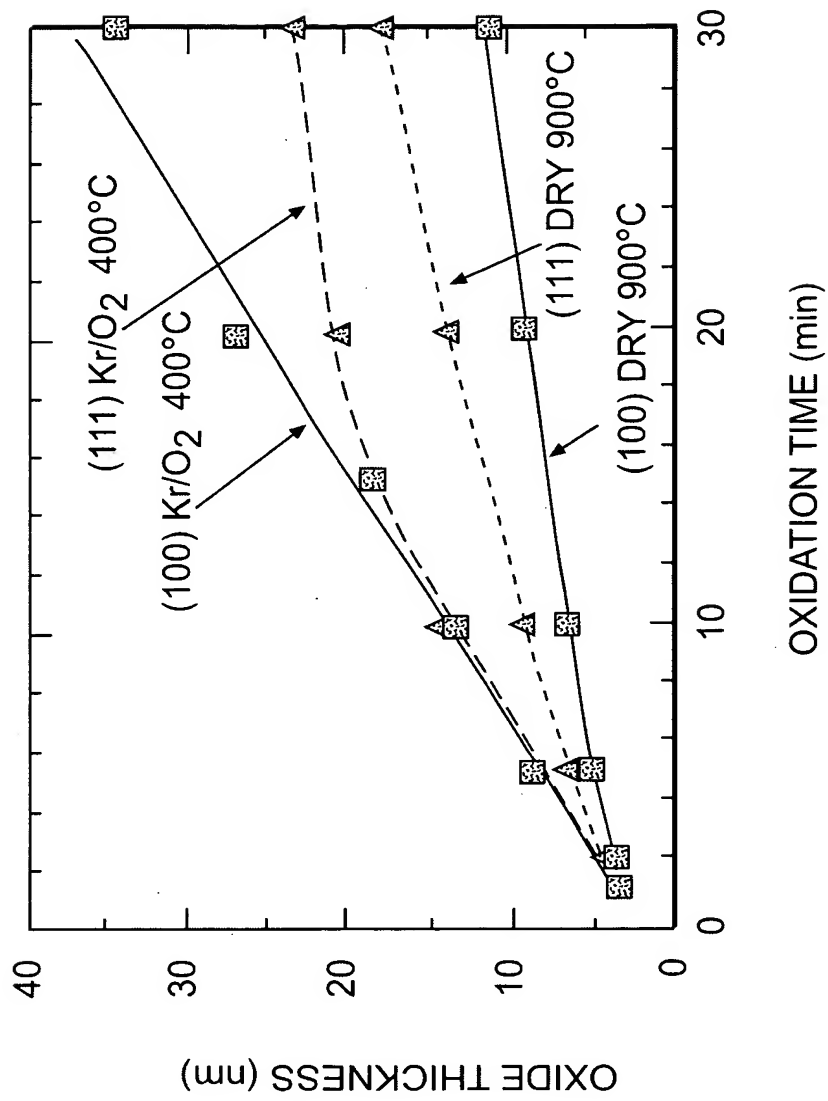


**FIG. 2**

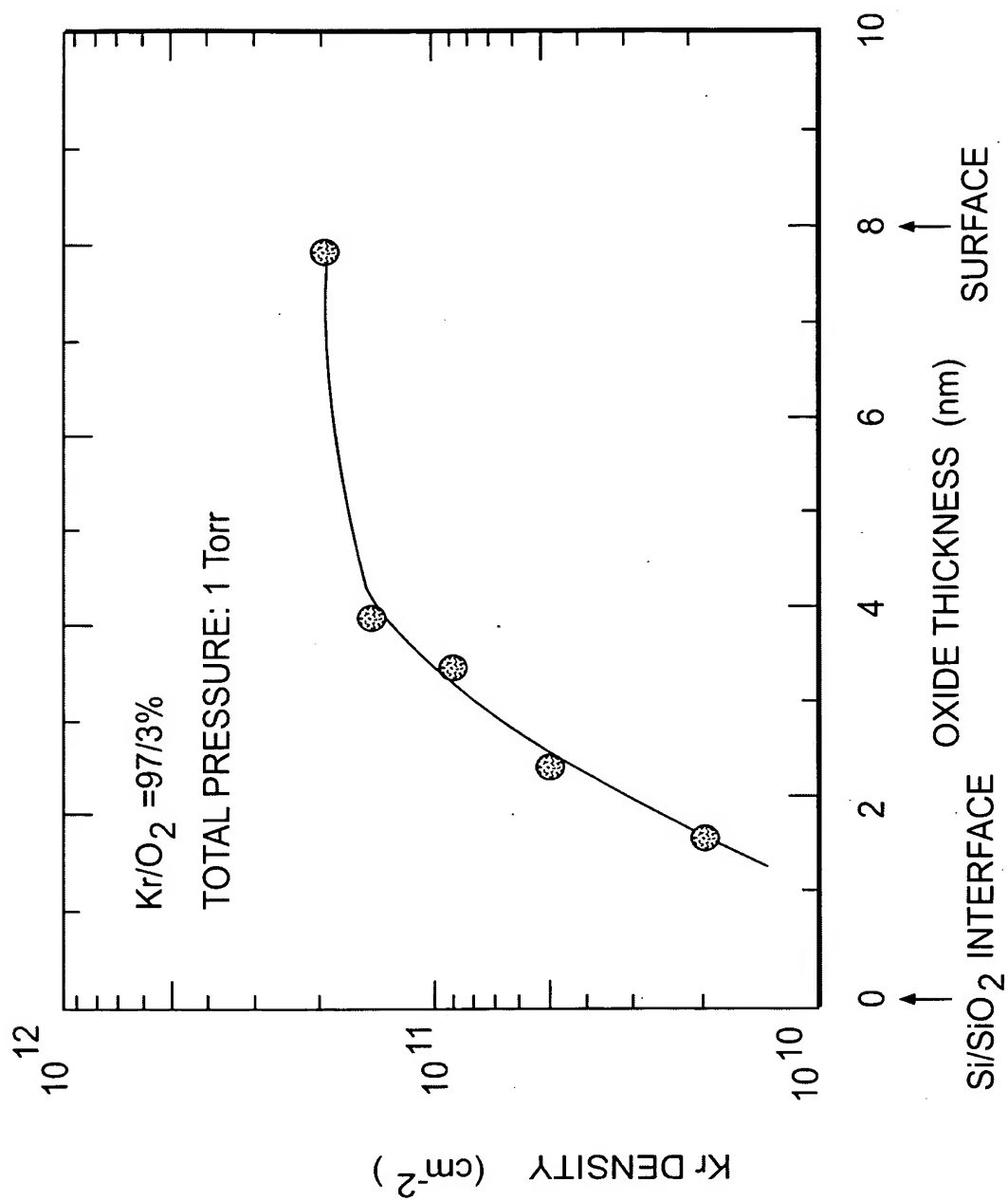
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**FIG. 3**

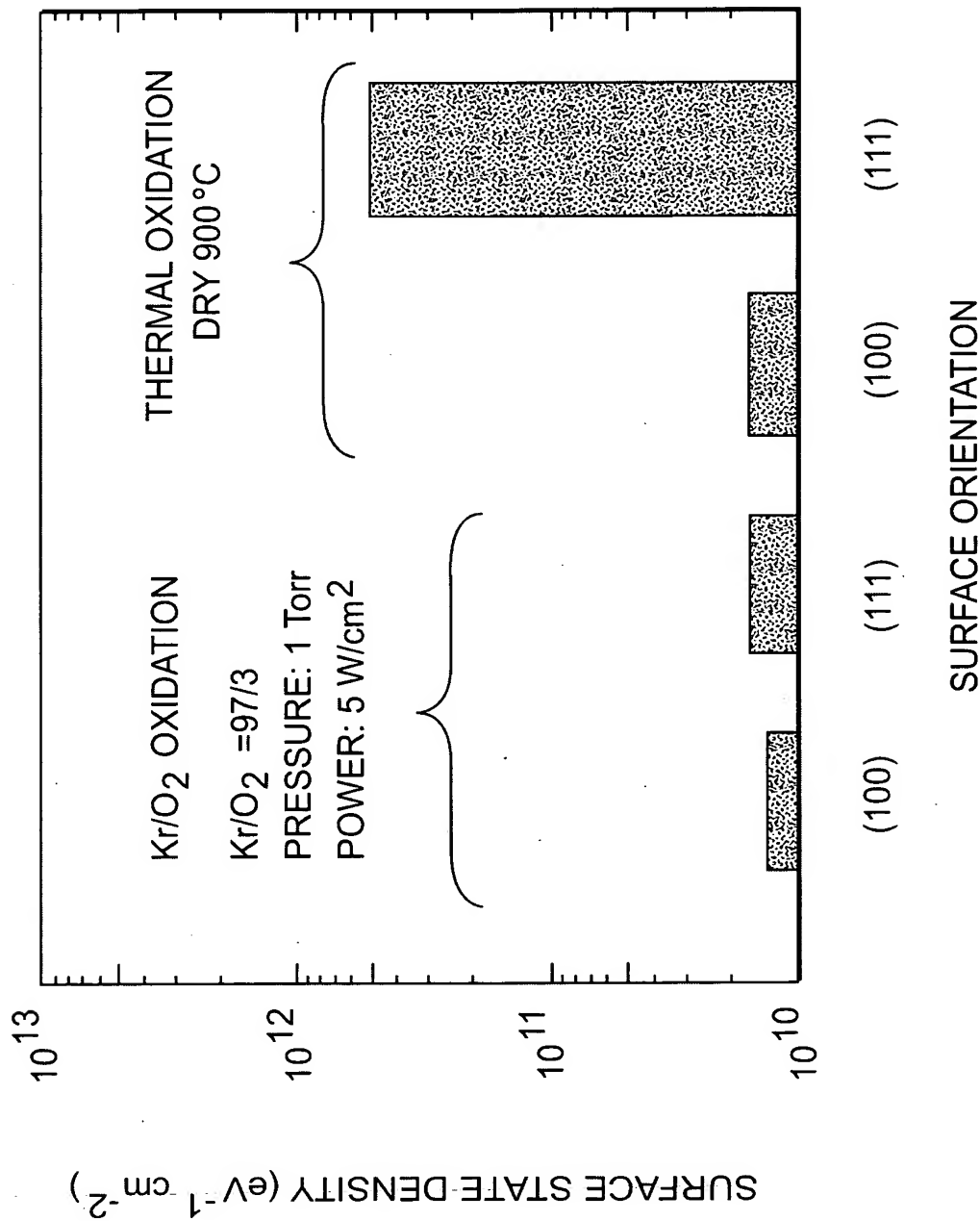
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**FIG. 4**

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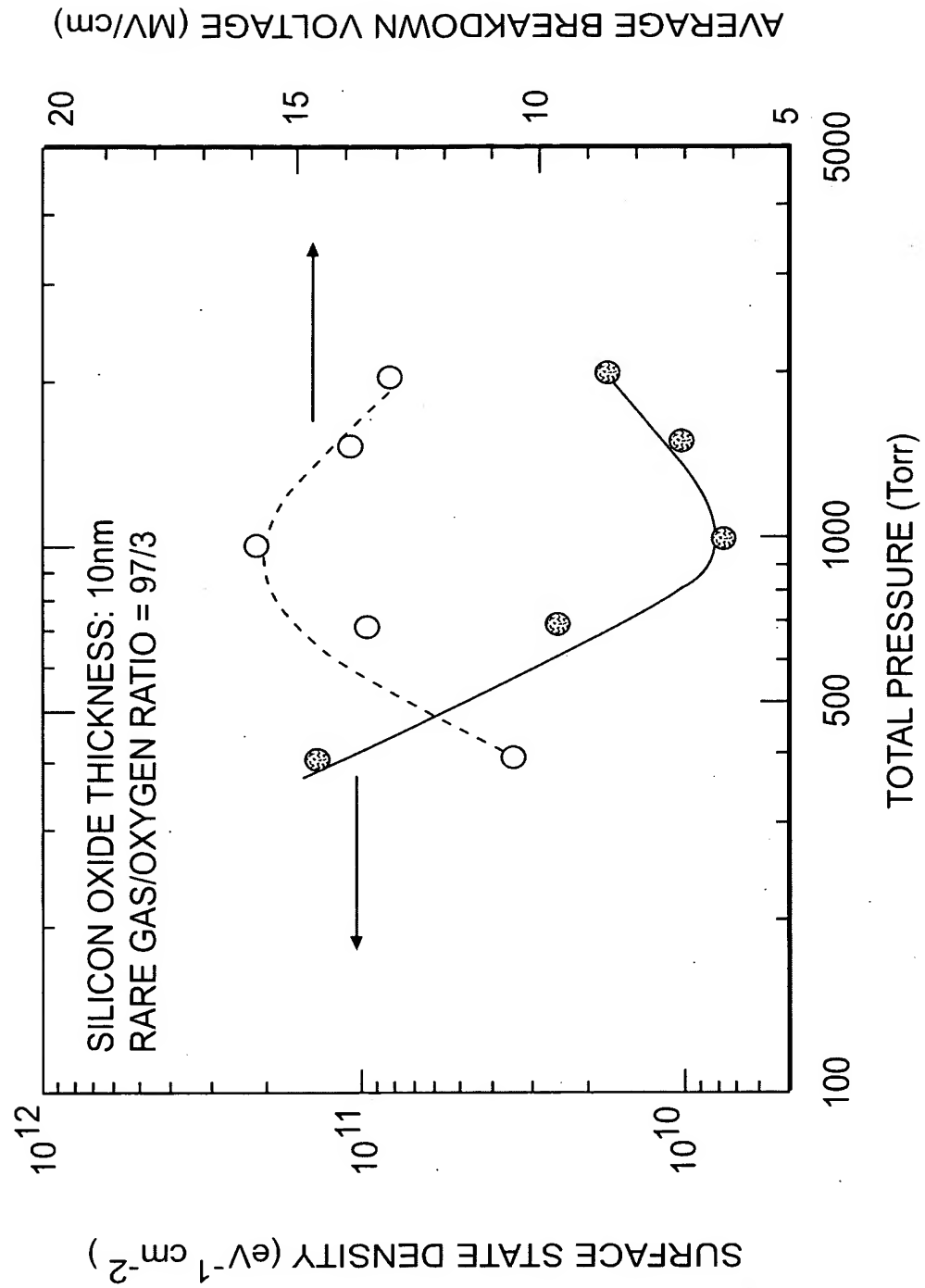
**FIG. 5**

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**FIG. 6**

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**FIG. 7**



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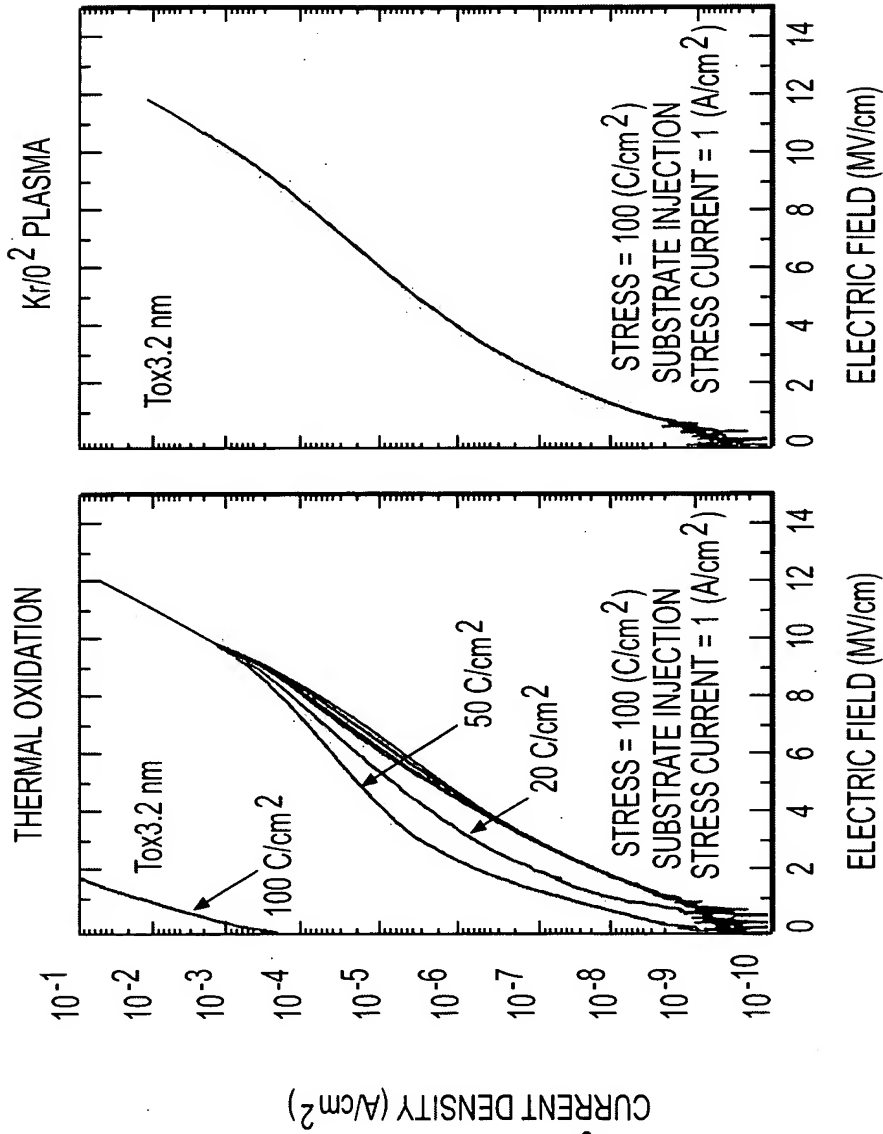


FIG. 8A

FIG. 8B

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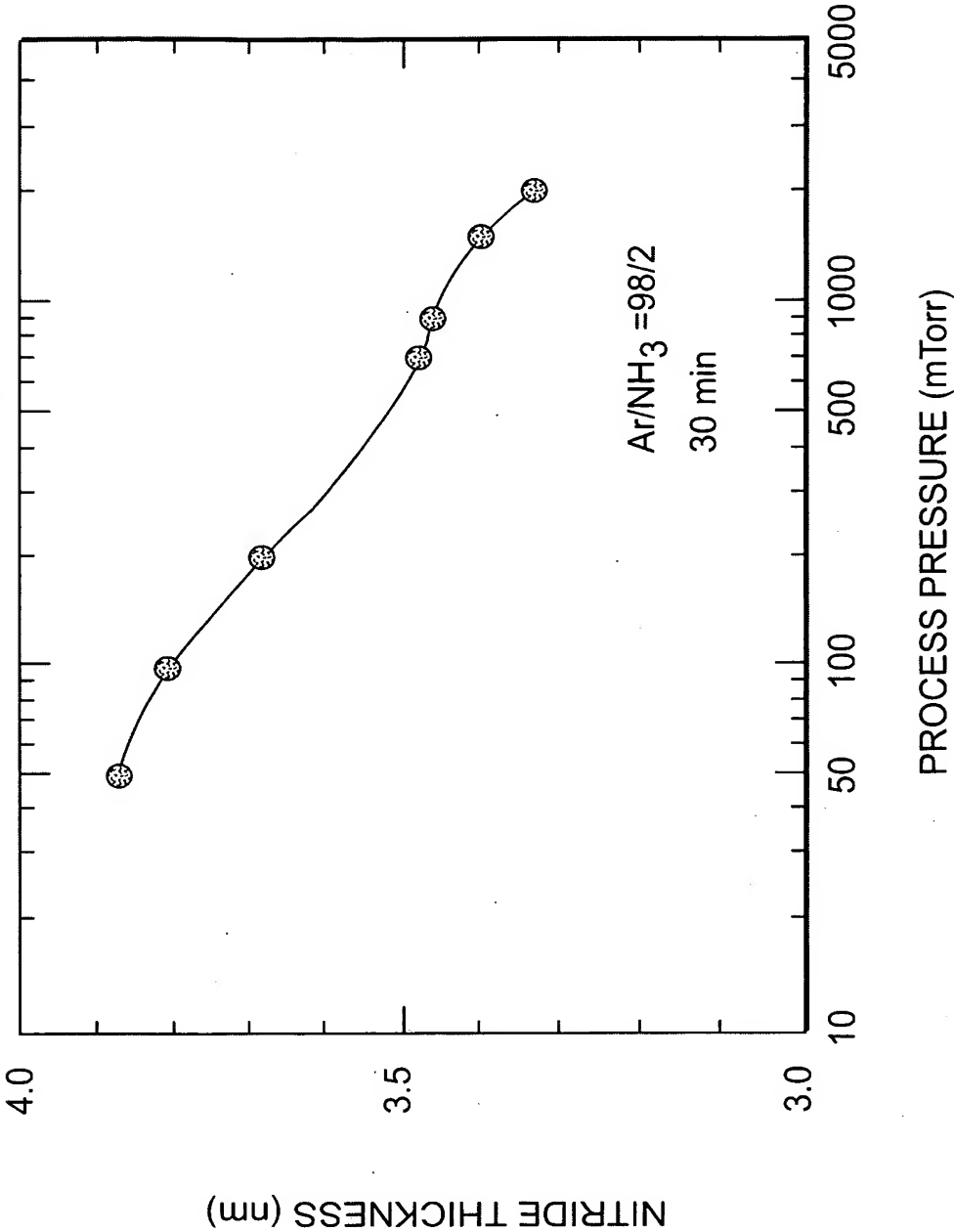
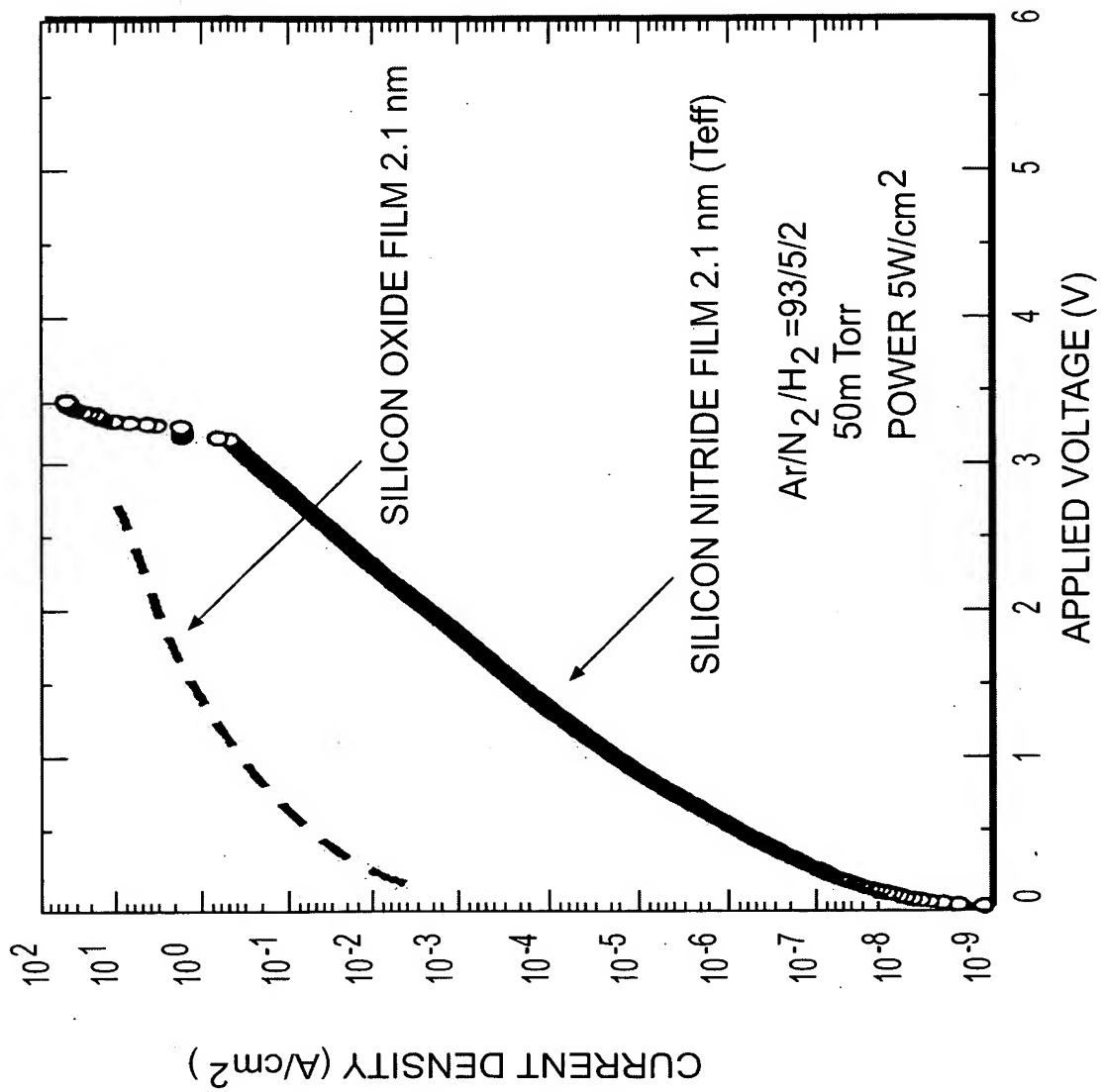
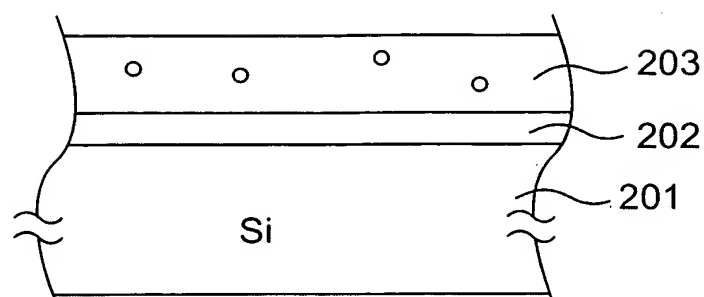


FIG. 9

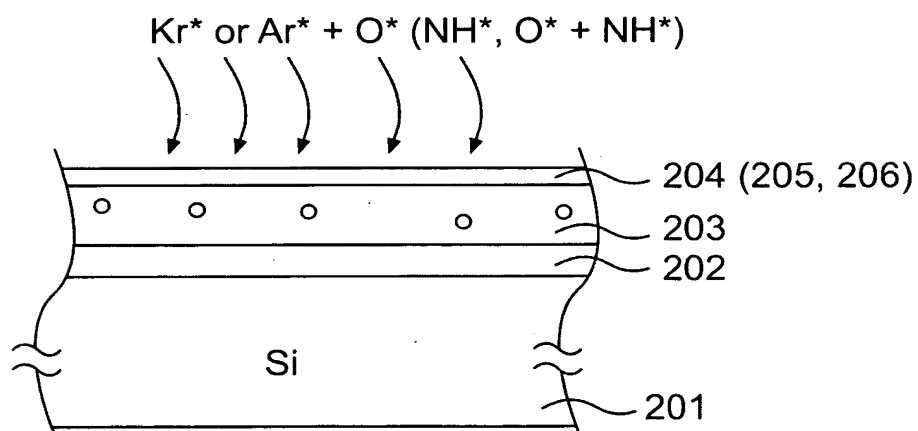
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**FIG. 10**

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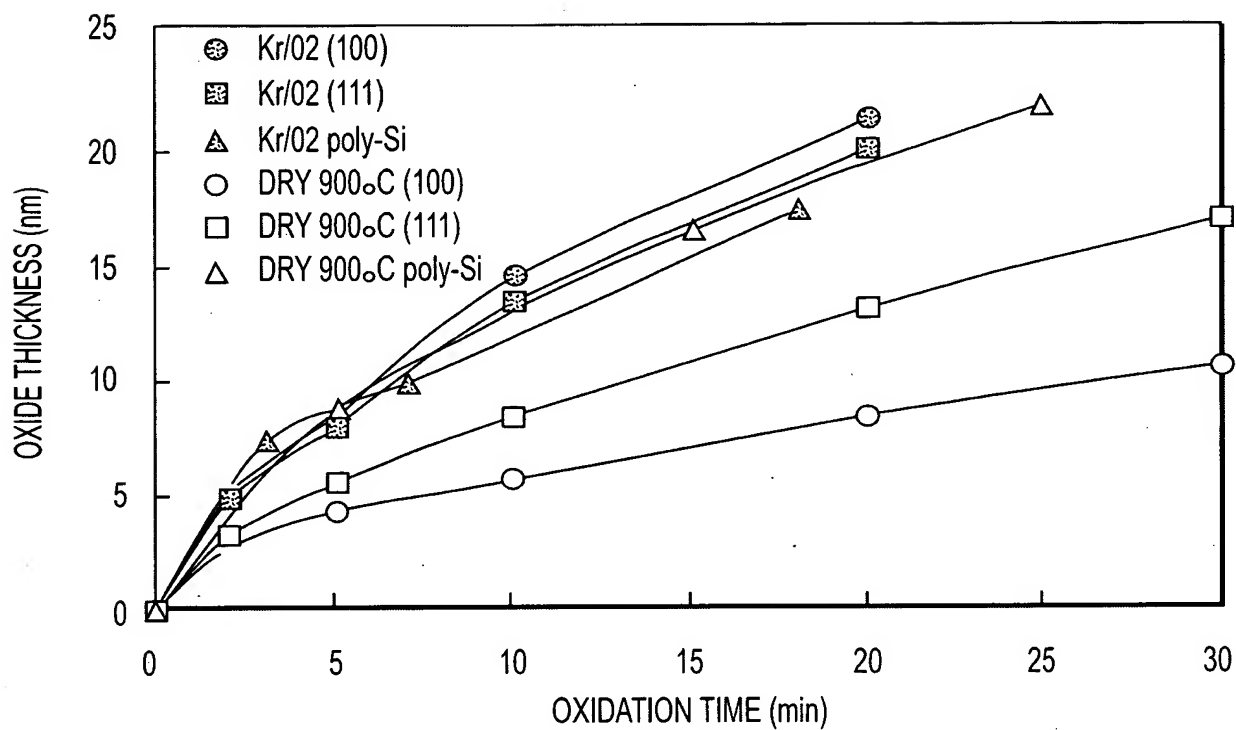
**FIG. 11A**



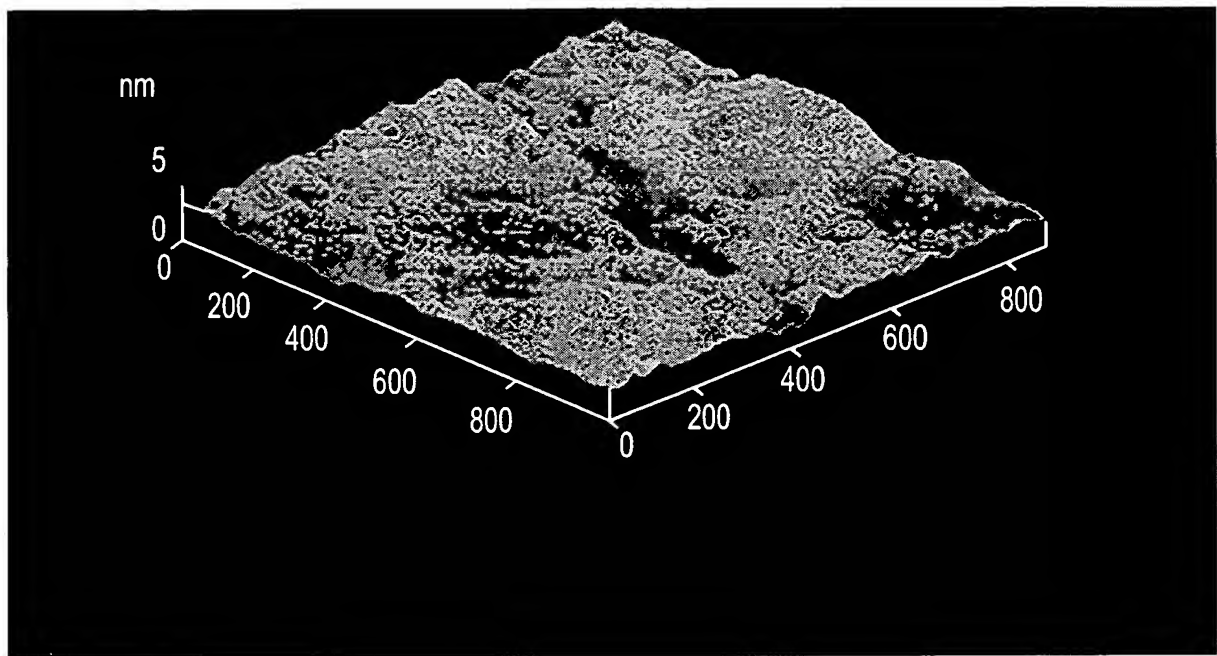
204: $SiO_2$	← $O^*$
205: $Si_3N_4$	← $NH^*$
206: $SiO_N$	← $O^* + NH^*$

**FIG. 11B**

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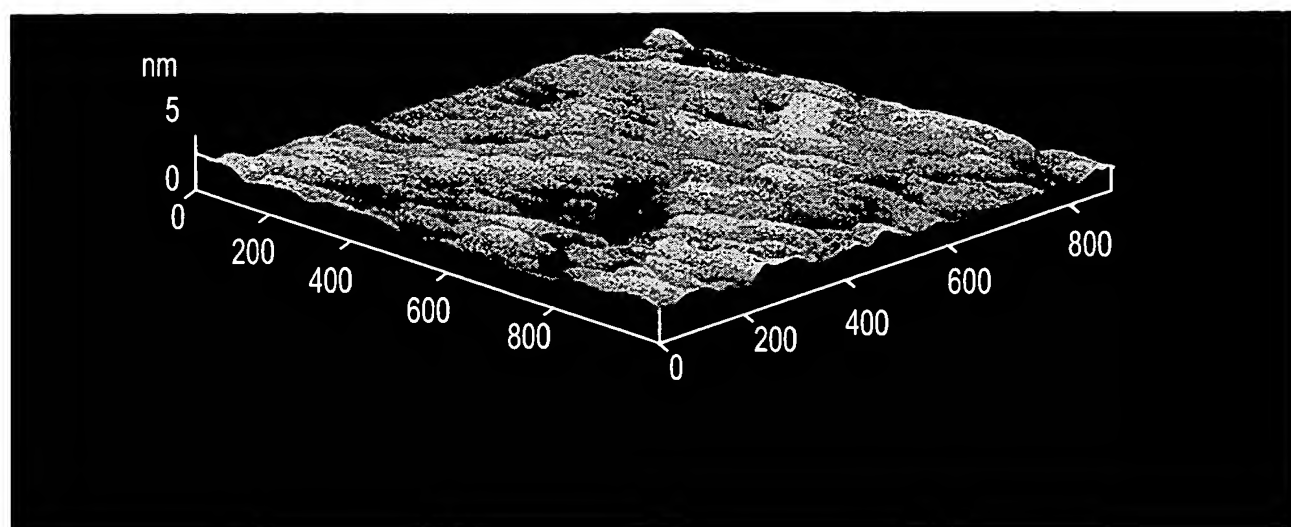
**FIG. 12**

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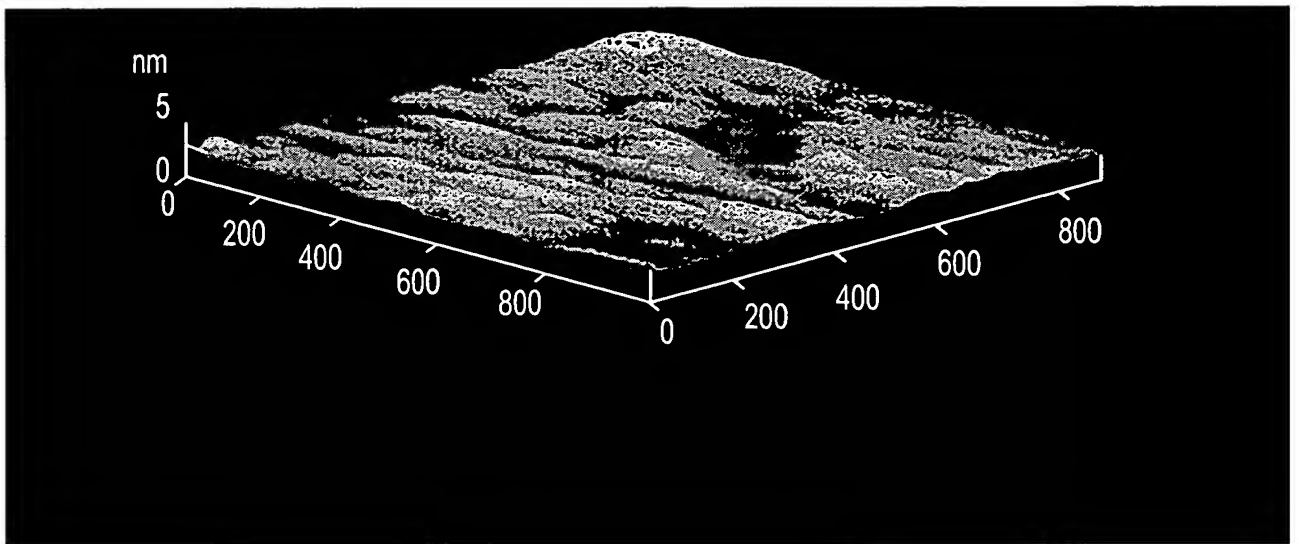


***FIG. 13A***

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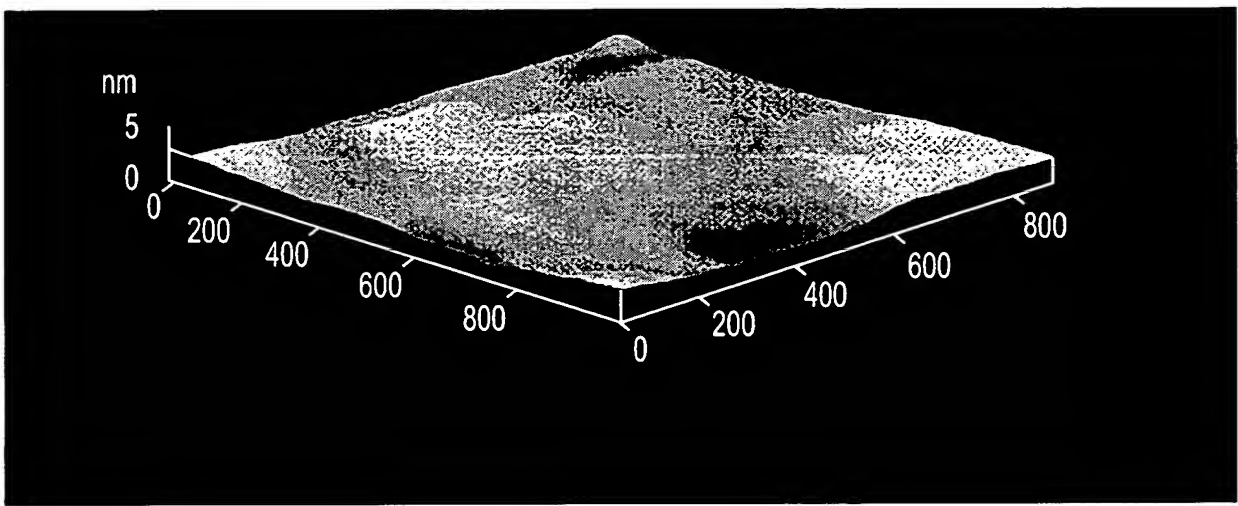
***FIG. 13B***



***FIG. 13C***

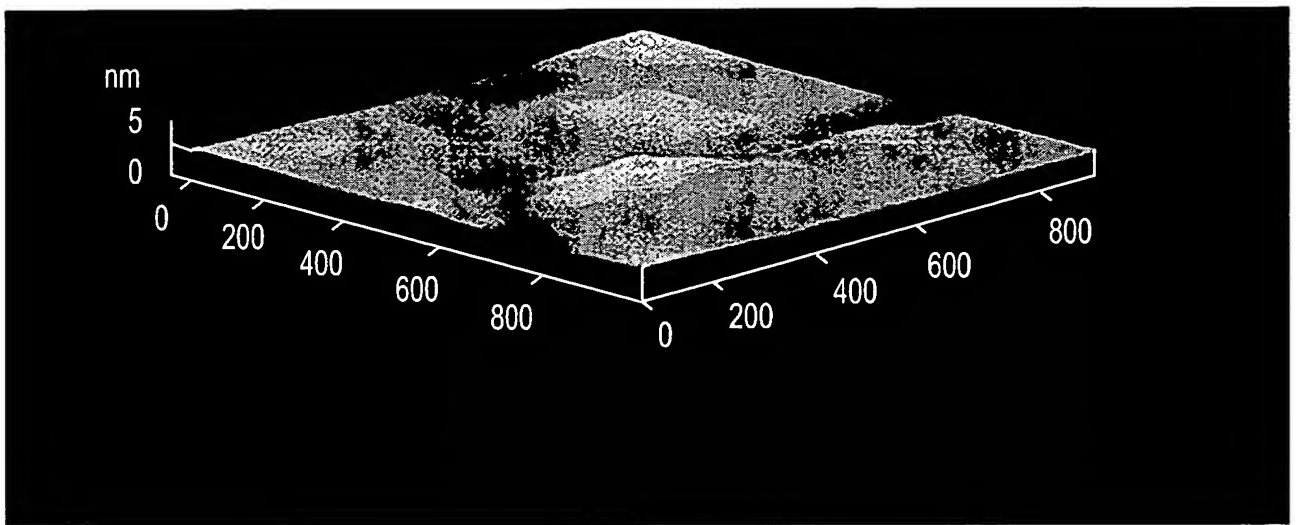


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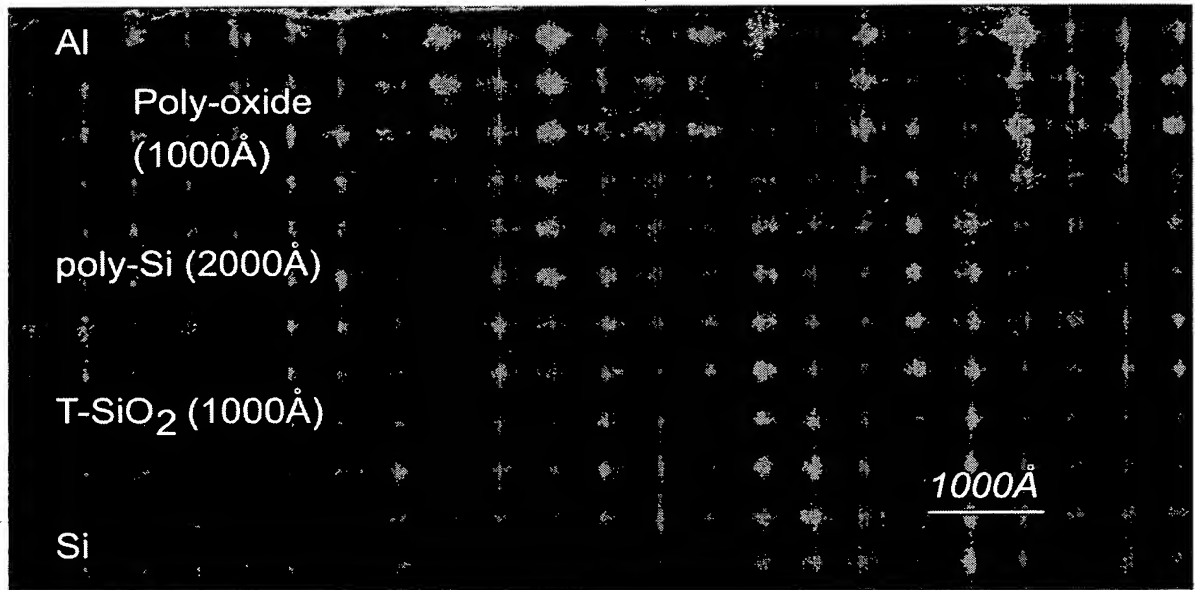
**FIG. 14A**

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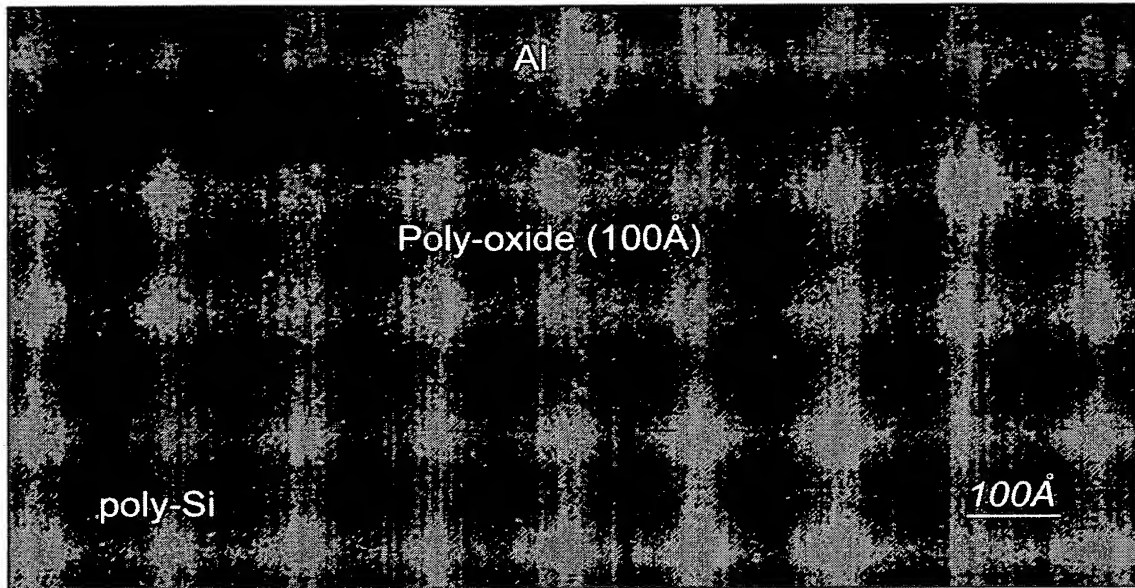
***FIG. 14B***

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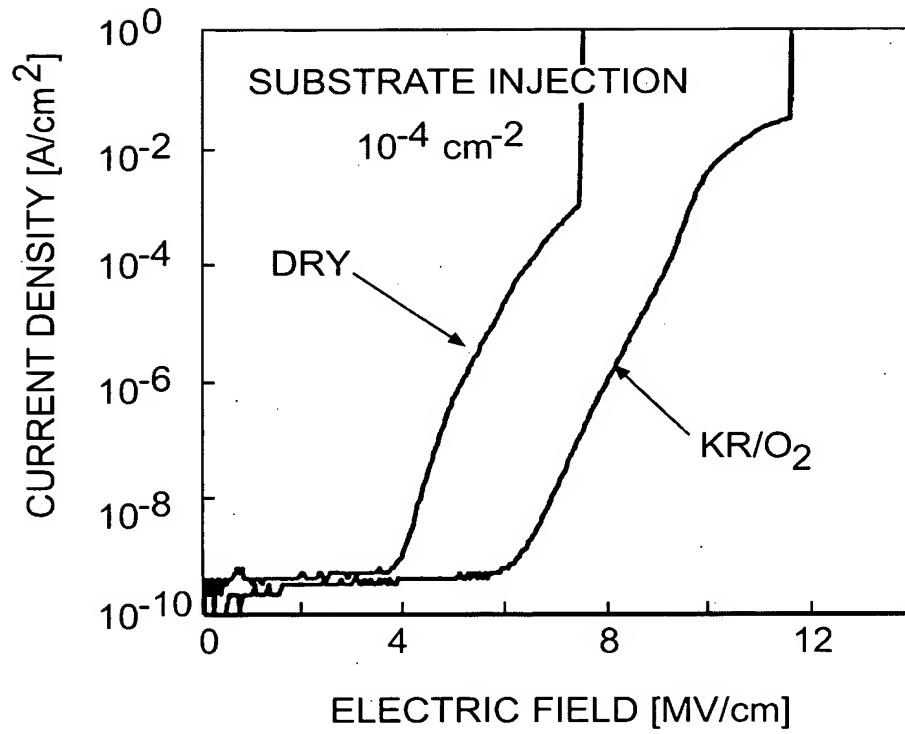


**FIG. 15A**

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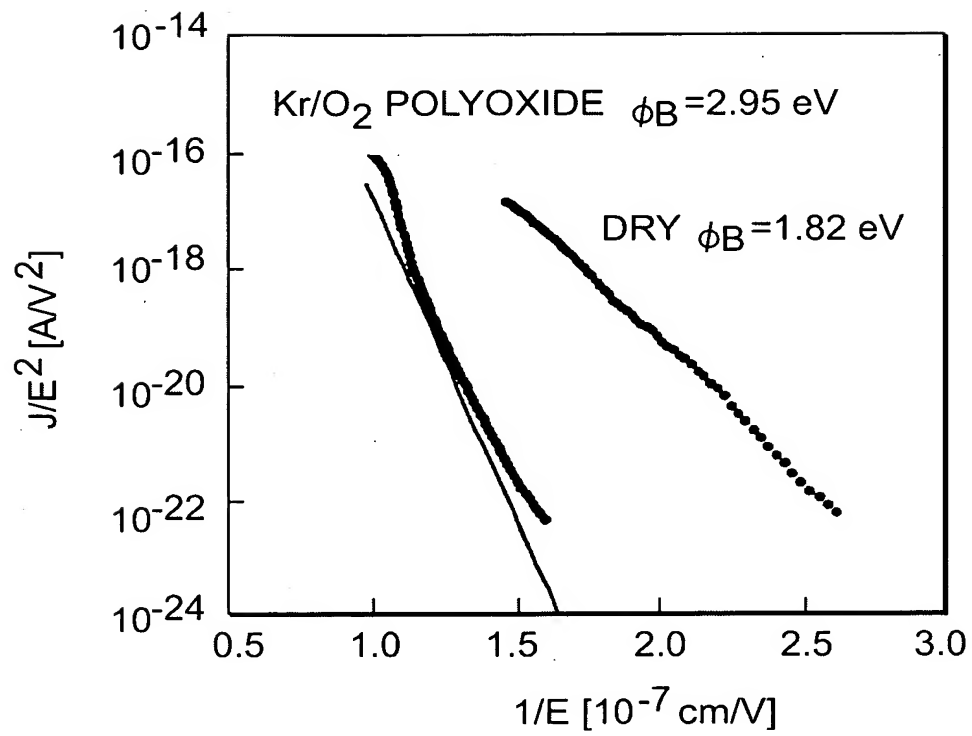


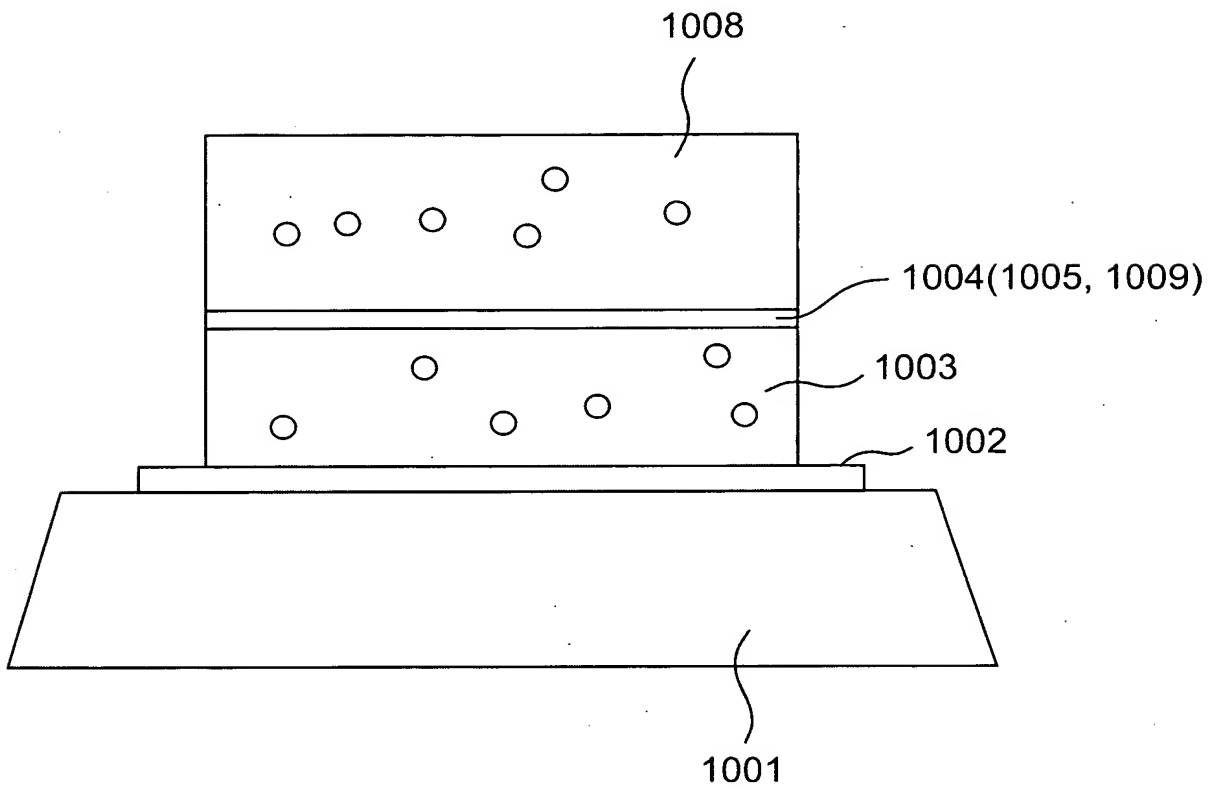
***FIG. 15B***



**FIG. 16**

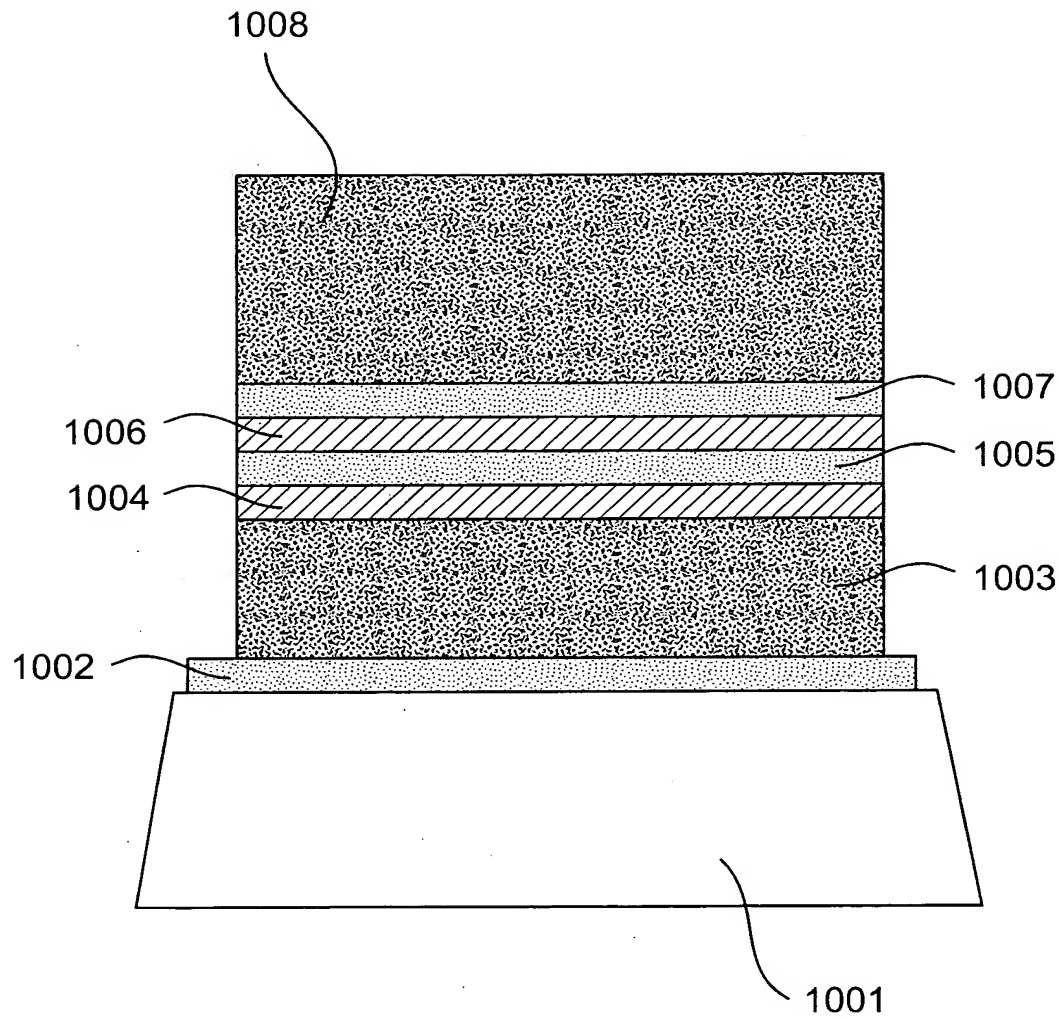
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**FIG. 17**



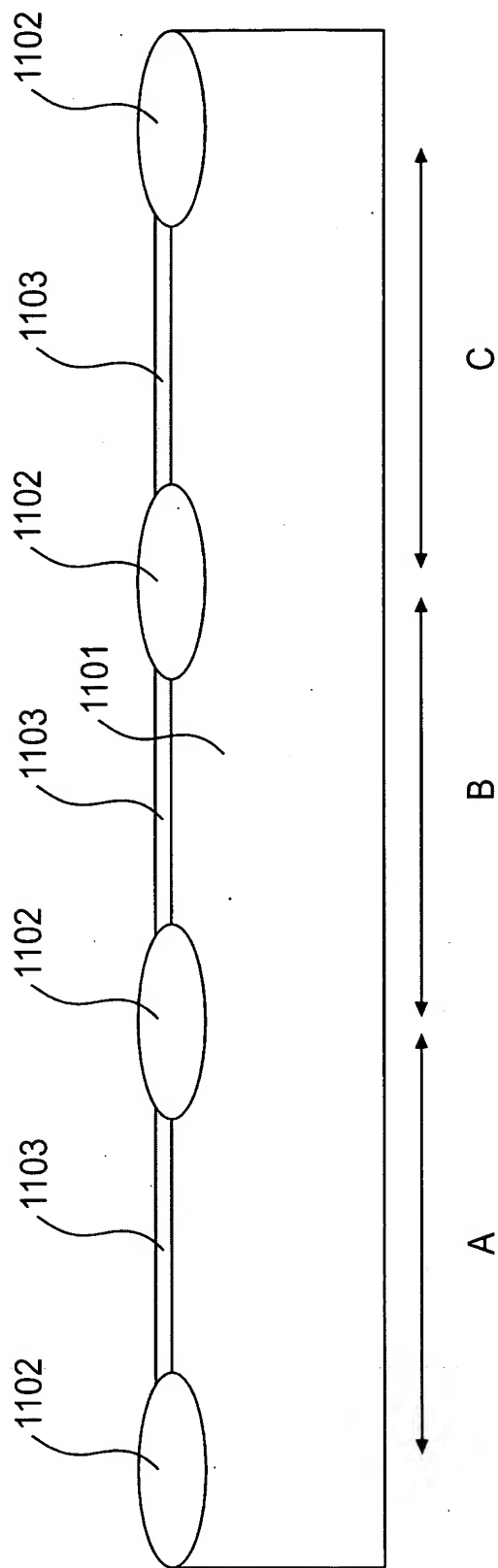
**FIG. 18**

1000

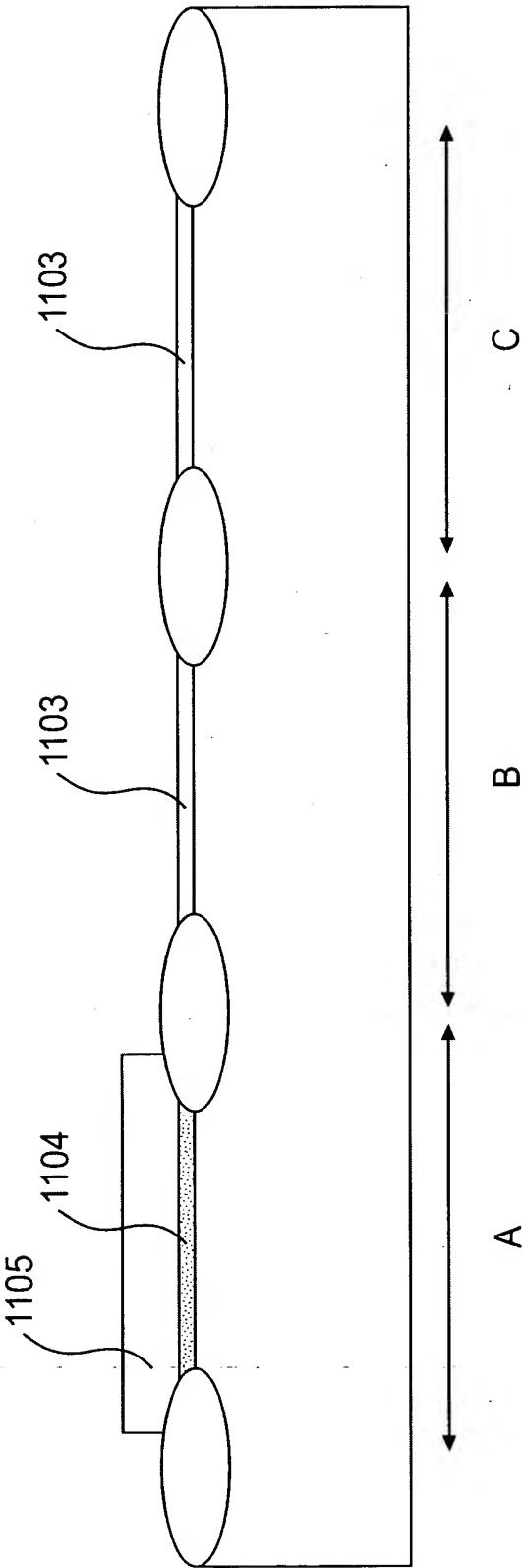


**FIG. 19**





**FIG. 20**



**FIG. 21**

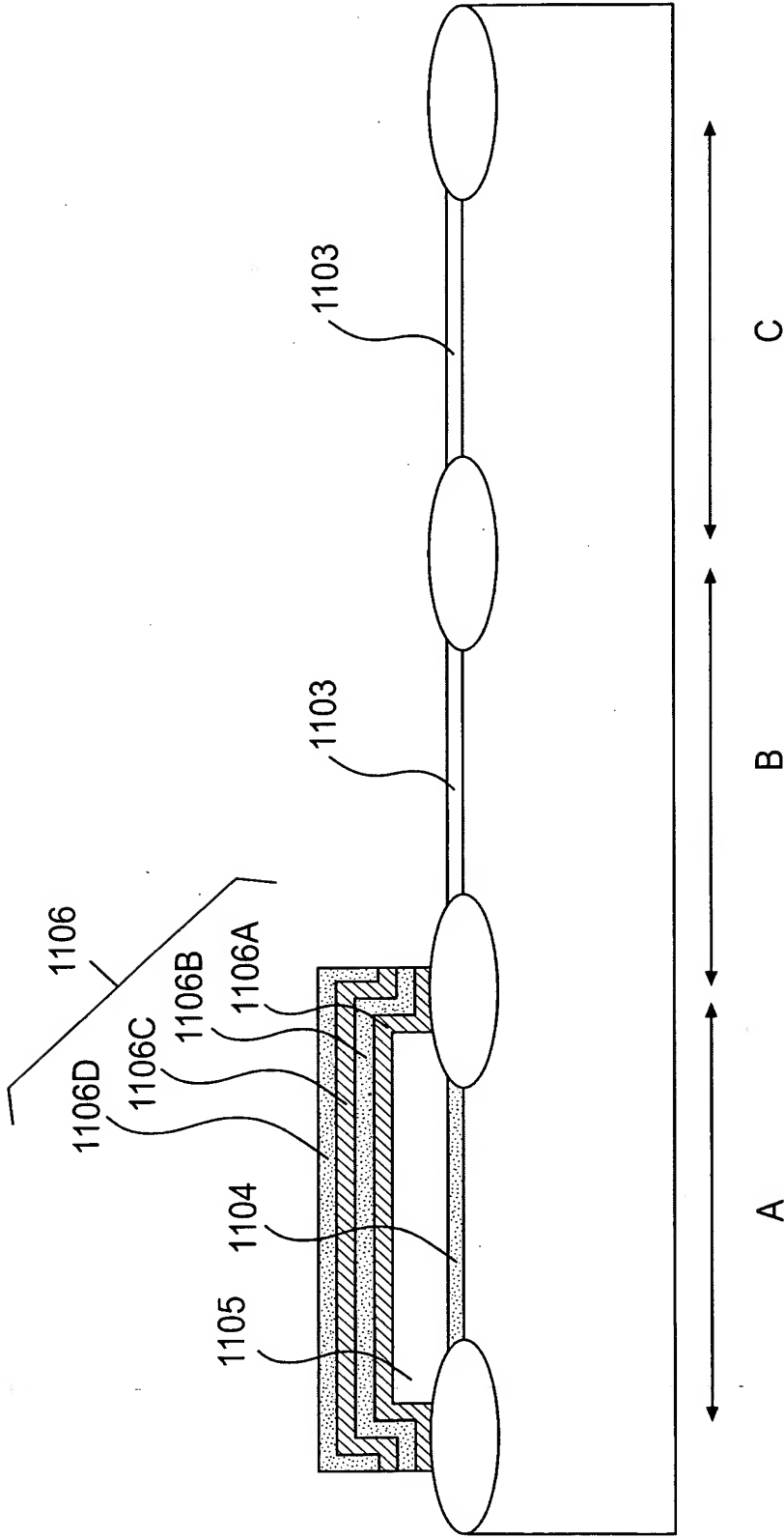
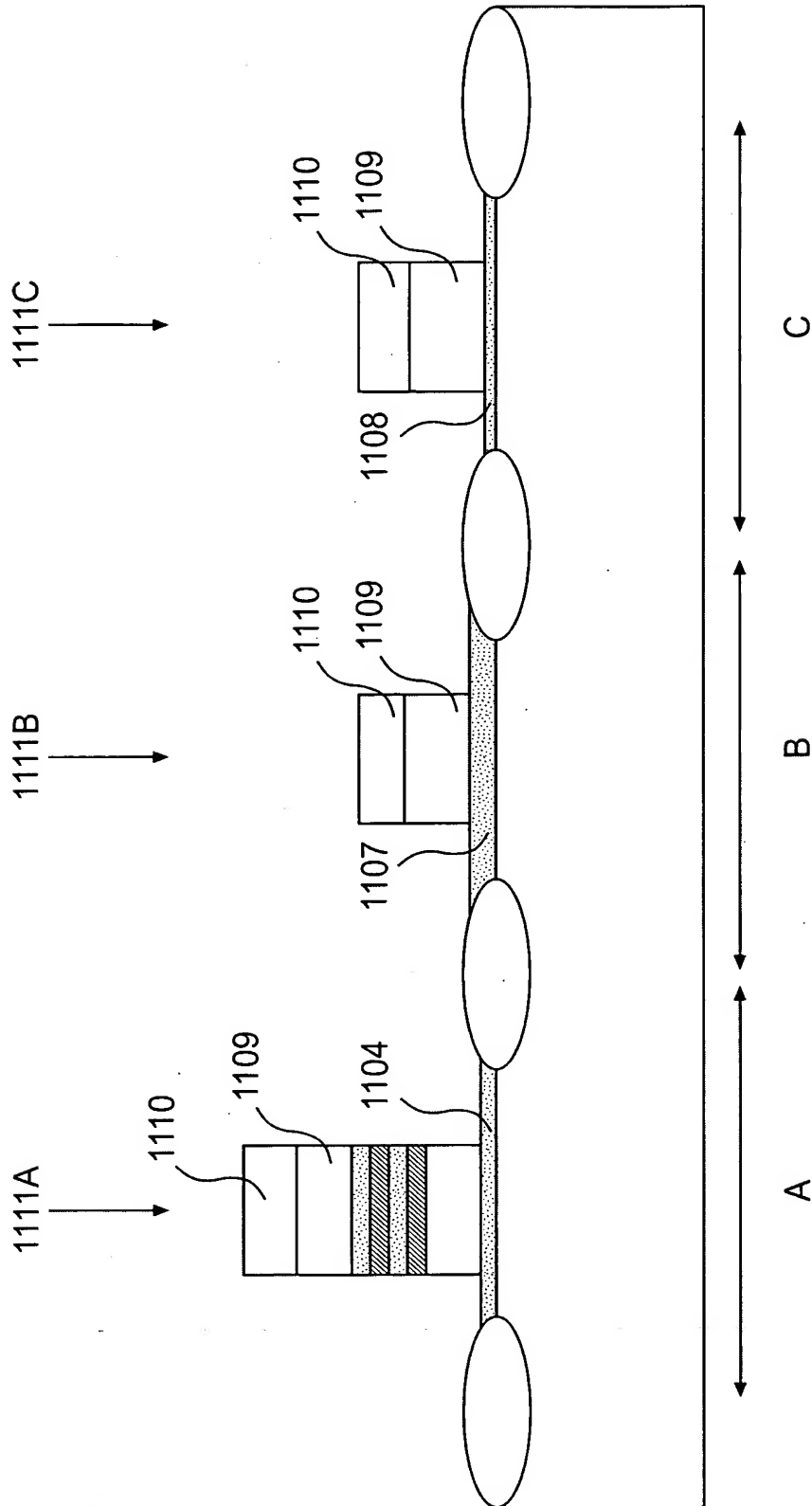
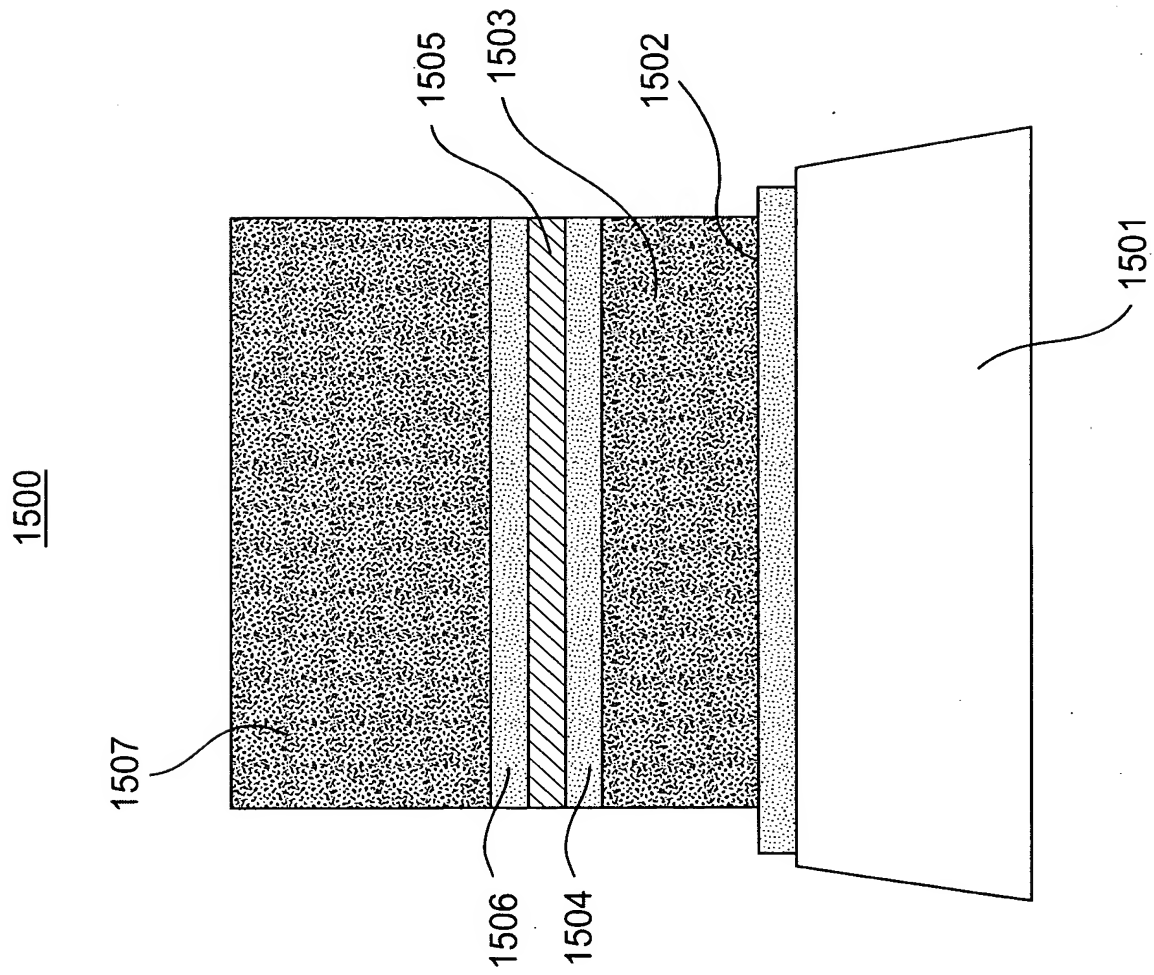


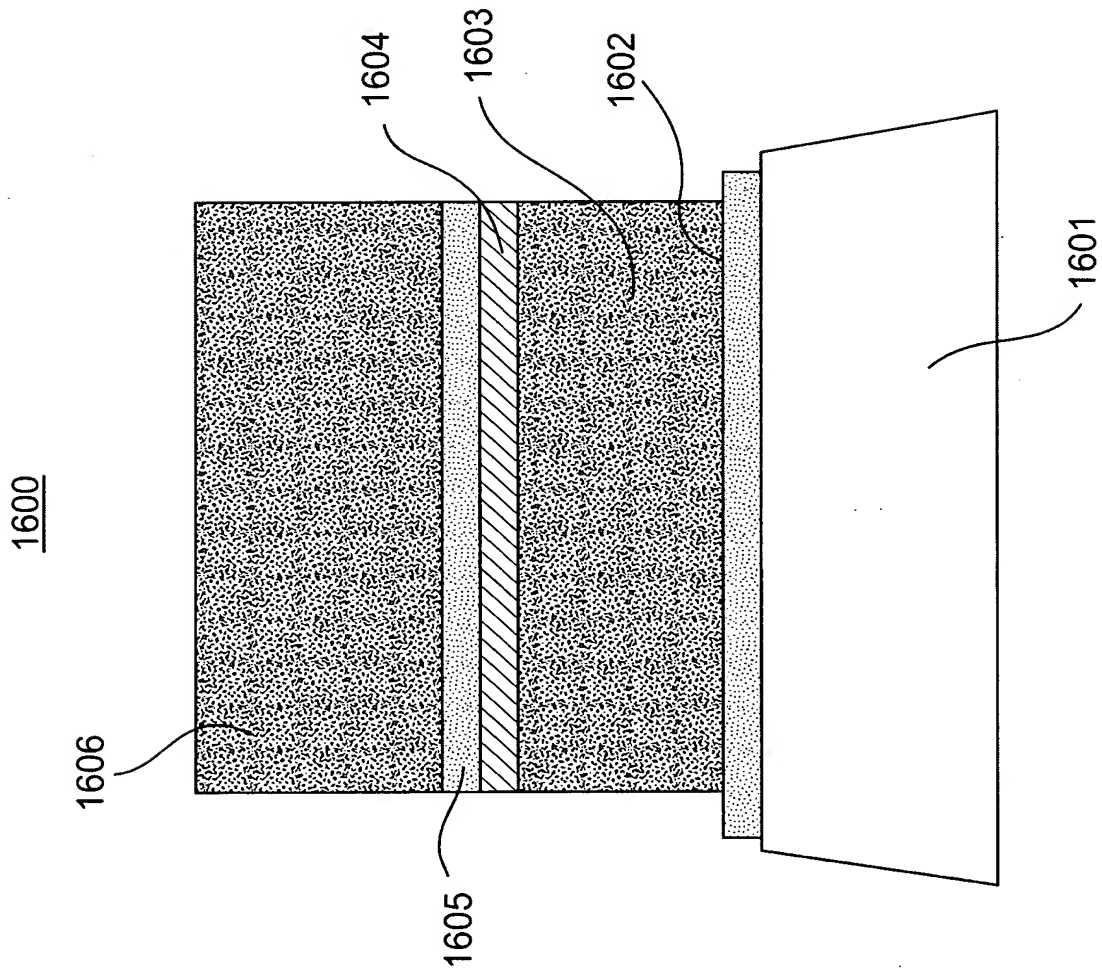
FIG. 22



**FIG. 23**



**FIG. 24**



**FIG. 25**